# SSL310B SMB

**Surface Mount Schottky Barrier Rectifier**

**Reverse Voltage - 100V**

**Forward Current - 3 A**

## Pinning

| 1.Cathode | 2.Anode |
|---|---|




**DO-214AA/SMB**

## FEATURES

Metal silicon junction, majority carrier conduction

For surface mounted applications

Low power loss, high efficiency

High forward surge current capability

For use in low voltage, high frequency inverters,

free wheeling, and polarity protection applications

Lead free in comply with EU RoHS 2011/65/EU directives

## MECHANICAL DATA

Case: DO-214AA/SMB

Terminals: Solderable per MIL-STD-750, Method 2026

Approx. Weight: 0.095g / 0.003oz

| SSL310B | YFW SSL310 |
|---|---|

SSL310B

Fig.2 Typical Reverse Characteristics

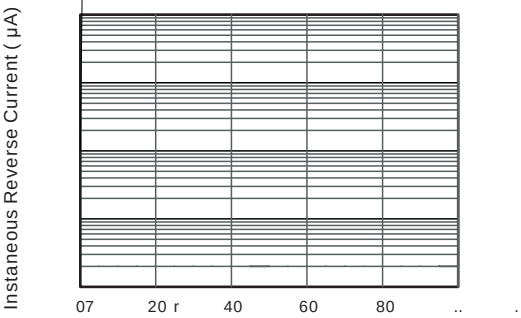
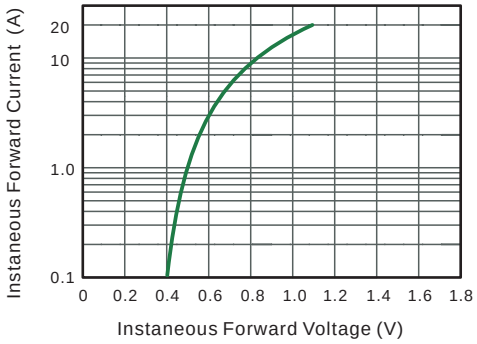



Fig.3 Typical Forward Characteristic



## Marking Diagram

## Ordering information

| Package | Packing Description | Packing Quantity |
|---|---|---|
| **DO-214AA SMB** | !"#!!$%&'()!!$* | '+++,-."#!!$*'++++,-."- )/01* |

## Package Dimensions

**DO-214AA SMB**

| * * * | Dim. | Millimeter(mm) | | mil | |
|---|---|---|---|---|---|
| | | Min.* | Max. | Min. | Max.* |
| | 2* | 34&'* | 3455* | 65* | 78* |
| | 9* | 54+8* | 54:+* | &8+* | &6;* |
| | <** | '4'* | '475* | &'+* | &;;* |
| | 9&* | ;4+6* | ;4;7* | 3++* | 33+* |
| | 2&* | +4+;* | +43+* | 34+* | :47* |
| | =* | +46* | &4;* | '3* | ;7* |
| | -* | +4&;3* | +4'+;* | 8* | &3* |
| | >* | &47* | 343* | :;* | 6:* |

## The recommended mounting pad size